b) Operation of HVAC equipment for minimum periods of time regardless of other operating conditions;

c) Control of equipment to assure idle periods for minimum times;

d) More efficient and comfortable ventilation options when heating or cooling apparatus is not in operation;

e) Means changing the effective temperature setting on demand on a temporary basis, and returning to the original setting automatically, with provision for canceling such operation prematurely;

f) Means encoding HVAC equipment operating parameters to produce a digital signal to communicate such parameters to said equipment or a controller operating said equipment.

2. The process of claim 1 wherein the warmer process logic is described by the flow diagram of Figure 2.

3. The process of claim 1 wherein the warmer process is described by the source code statements of Figure 4.

4. The process of claim 1 wherein the encoding process results in a signal similar to Figure 3.

5. The process of claim 1 wherein the encoding process is described by the source code statements of Figure 5.

6. The process of claim 1 wherein the decoding process is described by the source code statements of Figures 6-8.

7. The process of claim 1 wherein the elements are implemented by the object code statements of Figure 9 and Figure 10.

8. A process for encoding and decoding digital data for communication in a serial sequence comprising:
a) A synchronizing pulse distinguished from data pulses by a unique width;
b) data pulses which are distinguished by their relation to a preceding pulse;
c) data pulses in which the state of the data is determined by the width of the individual pulse.
9. The process of claim 8 in which encoding is accomplished by the statements in Figure 5.
10. The process of claim 8 in which decoding is accomplished by the statements in Figure 6.